Subject: Re: Can a script tell if it is running in the VM?
Posted by Wayne Landsman on Fri, 15 Apr 2005 18:27:30 GMT

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> Is there some easy, and safe for IDL 5.x, way to check if
> one is in the VM environment? It seems like there should
> be a system variable that indicates the environment
> but I didn't see it mentioned in the doucmentation I've seen.

You can use the lmgr() function, e.g. lmgr(/VM) returns 1 if the current
session is using a VM license, and there are many other options.

I am a little confused about the reference to IDL 5.x though, since I
thought the VM wasn't introduced until V6.0.   (So if you are running
V5.x then you know it is not a VM license...)   --Wayne

Subject: Re: Can a script tell if it is running in the VM?
Posted by tam on Fri, 15 Apr 2005 19:00:17 GMT

Wayne Landsman wrote:

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> thought the VM wasn't introduced until V6.0.   (So if you are running
> V5.x then you know it is not a VM license...)   --Wayne
>

Thanks,

This code will be
run by users in older versions of IDL and also by users
who are using the VM, so I need to be careful that I won't
get compilation/run errors in the older version. That's
caused problems in the past when trying to make a new capability
conditionally available.

So the safe construct is:

```
if !version.release ge '6' then begin
   if (lmgr(/vm) eq 1) then begin
       print, "In the VM"
    endif
endif
```

but

```
if !version.release ge '6' and lmgr(/vm) then begin
    ... will fail
```

Now that you point this out, I can see this kind of guard being
using in mrd_struct.

Regards,
Tom